

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: **Mail** **Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**Alexandria, Virginia 22313-1450**  
**Fax (703)746-4000**

**INSTRUCTIONS:** This form should be used for transmitting the **ISSUE FEE** and **PUBLICATION FEE** (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**CURRENT CORRESPONDENCE ADDRESS (NAME: Legibly mark-up with any correction of the Block 1)**

7590  
 Joseph A Walkowski  
 Trask Britt  
 P O Box 2550  
 Salt Lake City, UT 84110



Express Mail Mailing Label No.: **EV 326922977 US**  
 Date of Deposit with USPS: **October 9, 2003**  
 Person making Deposit: **Christopher Haughton**

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/614,113	07/12/2000	Pai-Hung Pan	2915.3US (96-0149.2)	1710

**TITLE OF INVENTION:** **METHODS OF FORMING A GATE STACK THAT IS VOID OF SILICON CLUSTERS WITHIN A METALLIC SILICIDE FILM THEREOF**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	10/14/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
DEO, DUY VU NGUYEN	1765	438-706000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 **TraskBritt**  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_

**3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)**

**PLEASE NOTE:** Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**MICRON TECHNOLOGY, INC.**

**Boise, Idaho**

Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☐ Publication Fee  
☒ Advance Order - # of Copies **5**

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number **20-1469** (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) *Tawni L. Wilhelm* (Date) **10/9/2003**

**Tawni L. Wilhelm, Reg. No. 47,456**

**NOTE:** The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.**

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**10/15/2003 BSAYAS12 00000048 09614113**

**01 FC:1501  
 02 FC:8001**

**1330.00 OP  
 15.00 OP**

**TRANSMIT THIS FORM WITH FEE(S)**



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re Application of:**

Pan et al.

**Serial No.:** 09/614,113

**Filed:** July 12, 2000

**For:** METHODS OF FORMING A GATE  
STACK THAT IS VOID OF SILICON  
CLUSTERS WITHIN A METALLIC  
SILICIDE FILM THEREOF (as amended)

**Confirmation No.:** 1710

**Examiner:** D. Deo

**Group Art Unit:** 1765

**Attorney Docket No.:** 2269-2915.3US  
(96-0149.02/US)

**Notice of Allowance Mailed:**

July 11, 2003

**Express Mail Mailing Label No.:** EV 326922977 US

**Date of Deposit with USPS:** October 9, 2003

**Person making Deposit:** Christopher Haughton

**TRANSMITTAL LETTER**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

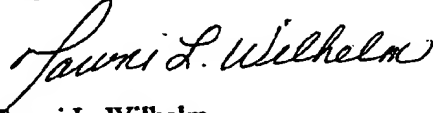
Sir:

Applicants submit herewith Part B - Fee(s) Transmittal for the above-captioned application and a check in the amount of \$1,345.00 in payment therefor plus five (5) copies of the patent when issued.

Also, enclosed is an Amendment Pursuant to 37 C.F.R. § 1.312(a) (32 pages), plus attached Replacement Sheet of Drawings and Annotated Sheet Showing Changes Made; Comments on Statement of Reasons for Allowance (2 pages); and Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages).

Applicants understand that no additional fees are required. However, if the Office determines that any comparison fees or other additional fees are required, the Commissioner is authorized to charge any such fees to TraskBritt Deposit Account No. 20-1469. A copy of this Transmittal Letter is enclosed for deposit account charging purposes.

Respectfully submitted,



Tawni L. Wilhelm  
Registration No. 47,456  
Attorney for Applicant(s)  
TRASKBRITT  
P.O. Box 2550  
Salt Lake City, Utah 84110-2550  
Telephone: 801-532-1922

Date: October 9, 2003  
TLW/ps:rh

Enclosures: Part B - Issue Fee Transmittal  
Check No. 19499 in the amount of \$1,345.00  
Copy of Transmittal Letter  
Amendment Pursuant to 37 C.F.R. § 1.312(a) (32 pages), plus attached  
Replacement Sheet of Drawings and Annotated Sheet Showing Changes  
Made  
Comments on Statement of Reasons for Allowance (2 pages)  
Fee Addressee for Receipt of PTO Notices Relating to Maintenance Fees (2 pages)

Document in ProLaw



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**COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE**

**Mail Stop ISSUE FEE  
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Alexandria, VA 22313-1450**

**Sir:**

In the Final Office Action mailed on April 8, 2003 (Paper No. 19), the Examiner indicates that "[c]laims 6,7 are allowable because prior art doesn't describe depositing the dielectric cap over the metallic film is effected at a T sufficiently low to maintain the metallic silicide film in the non-annealed state or to preclude formation of silicon clusters in the metallic silicide film."

The Examiner further indicates that "[c]laims 17-22 are allowed because prior art doesn't describe depositing the dielectric cap over the metallic film is effected at a T sufficiently low to maintain the metallic silicide film in the non-annealed state."

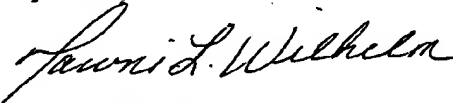
Applicants concur with the reasons as stated by the Examiner insofar as they comprise a summary, and are exemplary and not limiting. However, claims 6 and 7, as presented in independent form in the amendment filed July 8, 2003, include other and different language than that specified by the Examiner. Further, independent claims 17 and 19 also include other and different language than that specified in the Final Office Action (Paper No. 19).

The allowed dependent claims (*i.e.*, claims 18 and 20 through 22) include other and further features and elements as well.

Additional reasons for the patentability of claims 6, 7 and 17 through 22 have previously been advanced by Applicants during prior prosecution.

Accordingly, the scope of the claims must be determined from the literal language of each as a whole, as well as equivalents thereof.

Respectfully submitted,



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Date: October 9, 2003

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